

What is claimed is:

1. A medical information management system comprising:

a plurality of database devices for storing medical information in a database;

a management device for managing the medical information integrally; and

an operation terminal for operating at least one of the database devices and the management device,

each of the database devices comprising an automatic transmission section for extracting necessary information from the medical information stored in the database and sending the necessary information to the management device,

the management device comprising:

a reception section for receiving the medical information sent from the automatic transmission section;

a storage section for storing integrally the medical information received by the reception section on a basis of predetermined information included in the medical information;

an individual verification section for verifying whether or not an operator of the operation terminal is an individual registered beforehand; and

a data access authentication section for judging whether or not medical information instructed to be operated by the operation terminal is information capable

of being operated.

2. The system of claim 1, wherein the management device further comprises a control section for performing at least one of browsing, adding, modifying and processing of the medical information in case that the medical information instructed to be operated is judged as the information capable of being operated by the data access authentication section on the basis of operation instruction from the operator verified by the individual verification section.

3. The system of claim 1, comprising:  
an output device for recording the medical information in a recording medium as electronic information or outputting the medical information in a printing medium as a hardcopy,

wherein the management device further comprises an output permission section for judging whether or not medical information instructed to be outputted by the operation terminal is information capable of being outputted to the output device and for outputting the medical information to the output device in case that the medical information is the information capable of being outputted.

4. The system of claim 2, wherein the management device further comprises a data falsification prevention section for storing change history in the storage section by making the change history correlate with the medical information in case that the adding, modifying or processing is performed to the medical information store in the storage section by the control section.

5. The system of claim 2, wherein the management device further comprises a date and time providing section for adding a date and time when the medical information is operated as attached information in case that the browsing, adding, modifying or processing is performed to the medical information stored in the storage section by the control section.

6. The system of claim 5, wherein the date and time providing section adds the date and time when the medical information sent by the automatic transmission section is received by the reception section or the date and time when the medical information sent by the automatic transmission section is stored in the storage section to the medical information as the attached information.

7. The system of claim 1, wherein the automatic transmission section detects difference between medical

information to be sent and medical information sent in past, extracts medical information corresponding to the difference, and sends the extracted medical information to the management device as the necessary information.

8. The system of claim 1, wherein the medical information sent by the automatic transmission section includes a creation date and time when the medical information is created, and

the management device further comprises a storage control section for comparing a creation date and time included in the medical information received by the reception section with a creation date and time included in the medical information stored in the storage section, and for storing the medical information received by the reception section, which includes the creation date and time different from the creation date and time included in the medical information stored in the storage section.

9. The system of claim 1, wherein the individual verification section verifies the individual according to at least one kind of individual information selected from a password, an ID card, a fingerprint, a palm print, a voiceprint, a face, a signature handwriting, an iris pattern, a eyeground pattern and a vein pattern.

10. The system of claim 9, wherein the individual information is at least one of the fingerprint, the palm print, the voiceprint, the face, the iris pattern, the eyeground pattern and the vein pattern.

11. The system of claim 9, wherein the individual verification section verifies the individual in combination with the individual information of the password or the ID card and at least one of the fingerprint, the voiceprint, the iris pattern, and the vein pattern.

12. The system of claim 2, wherein the medical information for being browsed, added, modified or processed by the control section is at least one kind of data selected from character data, on-off data, static image data and dynamic image data.

13. The system of claim 1, wherein the operation terminal comprises an input member for inputting the operation instruction, and

the input member is at least one kind of member selected from a pen, a keyboard, a mouse and voice.

14. The system of claim 1, wherein the medical information includes at least one kind of data selected from clinical examination management system data, radiation

department system data, hospital information system data, electronic chart system data, case management system data, medicine history management system data, medicine document data, nursing-care insurance system data, medical-related document data.

15. The system of claim 1, wherein the medical information sent by the automatic transmission section includes at least one kind of data selected from clinical examination management system data, radiation department system data, hospital information system data, electronic chart system data, case management system data, medicine history management system data, medicine document data, nursing-care insurance system data, medical-related document data.

16. The system of claim 1, wherein the management device and the operation terminal are connected via a network, and the network comprises a dedicated line for connecting the management device and the operation terminal.

17. The system of claim 1, wherein the management device further comprises:

an encryption transmission section for encrypting and sending information sending to the operation terminal; and  
a decryption reception section for receiving and

decrypting information sent from the operation terminal,  
and

the operation terminal comprises:

an encryption transmission section for encrypting and  
sending the information sending to the management device;  
and

a decryption reception section for receiving and  
decrypting the information sent from the management device.

18. The system of claim 2, wherein the storage  
section of the management device comprises a plurality of  
databases for storing information in accordance with a kind  
of the medical information, and

the control section reads out the corresponding  
medical information from the plurality of the databases in  
accordance with the operation instruction from the  
operation terminal, and controls at least one operation of  
the browsing, adding, modifying and processing.

19. A medical information management system  
comprising:

at least one database for storing medical  
information; and

a management section for managing access to the  
database,

wherein the management section stores a biological

discrimination pattern peculiar to an operator who accesses the database by making the biological discrimination pattern correlate with ID information set to the operator, obtains a biological discrimination pattern and ID information from an arbitrary operator when an access is required to the database from the arbitrary operator, and judges whether or not to approve the access by comparing the obtained biological discrimination pattern and the ID information with the biological discrimination pattern and the ID information correlated and stored beforehand.

20. The system of claim 19, wherein the peculiar biological discrimination pattern is at least one of a fingerprint, a palm print, a voiceprint, a face, an iris pattern, a eyeground pattern and a vein pattern.